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(71) Applicant: **NIPPONDENSO CO LTD**
(72) Inventor: **MORIKAWA MASAMI**

(54) **AC GENERATOR FOR VEHICLE**

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(57) Abstract:

PURPOSE: To suppress vehicle noise by forming the outlet part from each slot of stator winding as stranded winding along the flow of cooling air sent out from a cooling fan.

CONSTITUTION: A stator 5 is formed by making a stator coil 5 into wave winding and further making the straight part, which is projected from each slot 5a-S when this stator coil 5b is inserted in a stator core 5a, into stranded winding along the flow of cooling air, and is made by inserting this formed stator coil 5b into each slot 5a-S of the stator core 5a after that. As a result, the cooling air, which is generated by rotations of a cooling fan and a rotor, comes to pass the surface of the stator coil 5b smoothly along the slant of the stranded winding part of the stator coil 5b.

